ABSTRACT

The present invention makes other devices on a network recognize a device that does not support the network compatible Plug and Play function as a device

5   that supports the network compatible Plug and Play function, and makes that device serve as the device with the function. To this end, a proxy server searches for a printer which is present on the network and does not support any network compatible Plug and

10   Play function, and registers information used to specify the found printer in a hard disk via a memory controller. Upon registration, the proxy server generates network compatible Plug and Play DeviceDEscription so as to behave as if it were a

15   network compatible Plug and Play device. Upon reception of a network compatible Plug and Play search message from the network, the proxy server transmits the generated DeviceDEscription as a response message to indicate a UPnP device in place of the printer that

20   does not support the network compatible Plug and Play device. Upon reception of a print job addressed to the registered printer, the proxy server converts the print job to a protocol for that printer, and transmits the converted job data to the printer.